

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

CPA /2187 #8
PATENT APPLICATION

ATTORNEY DOCKET NO. 10981470-1

#8
Request for CPA
Extension of
Time 1-23-02
oc

Anticipated Classification of this application:

Class _____ Subclass _____

Prior application:

Examiner: Song, Jasmine

Art Unit: 2187

Box CPA
COMMISSIONER FOR PATENTS
Washington, D.C. 20231

"Express Mail" label no. _____

Date of Deposit _____

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231.

By _____

Typed Name: _____

RECEIVED
Technology Center 2100
JAN 22 2002

REQUEST FOR A CONTINUED PROSECUTION APPLICATION (CPA) 37 CFR 1.53(d)

Sir:

This is a request for a filing under the continuing application procedure, 37 CFR 1.53(d), for a
 continuation
 divisional

Prior Application

Application No. 09/444,173 filed Nov. 19, 1999

Title (as originally filed) ASYNCHRONOUS CACHE COHERENCE ARCHITECTURE IN A SHARED
MEMORY MULTIPROCESSOR WITH POINT-TO-POINT LINKS

Title (as last amended) _____

Name of applicant(s) Fong PONG

- The prior application is hereby abandoned.
 The issue fee in the prior application has not been paid.
 Please use all the contents of the prior application file wrapper, including the drawings and entered amendments, as the basic papers for the new application.

Foreign Priority - 35 USC 119

- Foreign priority under 35 U.S.C. 119 has been claimed in prior Application No. _____
filed on _____ in _____.
 The certified copy has been filed in prior Application No. _____
filed _____.
 A separate paper claiming direct priority to a foreign application is enclosed herewith. A certified copy of the foreign application will be provided in due course.

Petition for Extension of Time in Prior Application

- A petition for extension of time is enclosed herewith.

01/22/2002 SLUANG1 00000149 082025 09444173

01 FC:131 740.00 CH

01/22/2002 SLUANG1 00000149 082025 09444173

02 FC:115 110.00 CH

Rev 10/01 (CPA)

**CONTINUED PROSECUTION APPLICATION
(CPA) (37 CFR 1.53(d)) (continued)**

ATTORNEY DOCKET NO. 10981470-1

Assignment

- (X) The prior application is assigned to Hewlett-Packard Company.
() The prior application is assigned to Hewlett-Packard Company and _____
() The prior application is assigned to _____

Inventorship Statement

- () Delete the following named individuals as inventors in this application in accordance with 37 CFR 1.62(a) as a result of a change in the claimed subject matter:

Declaration and Power of Attorney

- () The Power of Attorney in the prior application is to:

Customer Number **022879**

Place Customer
Number Bar Code
Label here

- (X) The power appears in the original papers in the prior application.
() The power does not appear in the original papers, but was filed on _____.
- () Recognize as Associate Attorney or Agent _____
Registration No. _____
() Authorization is hereby granted by signature below of the Attorney or Agent of record.
() The Associate Attorney or Agent may not have the authority to appoint other Attorneys or Agents.

Communications

- (X) Address all future communications to:

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

Direct telephone calls to:
John W. Ryan
(202) 663-6446

Waiver of Secrecy

It is understood that secrecy under 35 USC 122 is hereby waived to the extent that if information or access is available to any one of the applications in the file wrapper of a CPA application, be it either this application or a prior application in the same file wrapper, the PTO may provide similar information or access to all the other applications in the same file wrapper.

Other Amendments

- (X) Before calculating the filing fee, amend the prior application as follows:
() Cancel the following claims _____
() Enter the enclosed Preliminary Amendment.
(X) Enter the Amendment(s) under 37 CFR 1.116 dated December 10, 2001
that was unentered in the Prior Application. A copy of the Amendment(s) is (are) enclosed.

**CONTINUED PROSECUTION APPLICATION
(CPA) (37 CFR 1.53(d)) (continued)**

ATTORNEY DOCKET NO. 10981470-1

Fee Calculation

(X) The filing fee is calculated below for (X) Utility () Design

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	20 — 20	0	X \$18	\$ 0
INDEPENDENT CLAIMS	3 — 3	0	X \$84	\$ 0
ANY MULTIPLE DEPENDENT CLAIMS	0		\$280	\$ 0
BASIC FEE: Design (\$330.00); Utility (\$740.00)				\$ 740
TOTAL FILING FEE				\$ 740
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$400.00	3RD MONTH \$920.00	4TH MONTH \$1440.00
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 850

Charge \$ 850 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Fong PONG

By John W. Ryan
John W. Ryan

Attorney/Agent for Applicant(s)
Reg. No. **33,771**

Date: January 18, 2002

Telephone No.: **(202) 663-6446**

COPY



RECEIPT FROM PTO FOR INDICATED ITEMS

1007 0 1 300
ATTENT & TRADEMARK OFFICE

Appln. No: 09/444,173	Atty: JWR/PG
First Inventor: Fong PONG	Filing Date: November 19, 1999
	PDNO: 10981470-1

ENCLOSED:

- Response/Amendment Cover Sheet Cited>Listed
- Response to Notice of Missing Parts
- # No. of Pages Abstract
- # No. of Pages Spec and Claims
- # No. of Numbered Claims Only
- # No. of Sheets of Drawings in Set
- 1 Set 1 Set Cover Letter
- Declaration # of pages
- Assignment Cover Sheet
- Small Entity Declaration
- Extension Petition
- # No. of Priority Documents
- IDS including PTO-1449
- No. of Docs Cited Search Report
- Transmittal Letter for Response/Amendment
- \$ N/A Fee (Deposit Account 08-2025)

OTHER:

Current DUE DATE: December 10, 2001

(Submit Single Copy Only)

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DOCKETED

12/11/01 2nd

HEWLETT-PACKARD COMPANY
Intellectual Property Administ
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 10981470-1



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Fong PONG

Confirmation No.:

Application No.: 09/444,173

Examiner: Jasmine Song

Filing Date: 11/19/99

Group Art Unit: 2187

Title: ASYNCRONOUS CACHE COHERENCE ARCHITECTURE IN A SHARED MEMORY
MULTIPROCESSOR WITH POINT-TO-POINT LINKS

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

COPY
JAN 2 2002
Technology Center 2100

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
(X) No additional fee (Address envelope to "Box Non-Fee Amendments")
() Other: _____ (fee \$ _____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	20	MINUS	20	= 0	X \$18	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X \$84	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$280	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$400.00	3RD MONTH \$920.00	4TH MONTH \$1440.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Fong PONG

By John W. Ryan

John W. Ryan

Attorney/Agent for Applicant(s)
Reg. No. 33,771

Date: December 10, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit:

Typed Name:

Signature: _____

Applicant's Docket No. 10981470-1

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Fong PONG

COPY

U.S. Serial No.: 09/444,173 Art Unit: 2187

Filed: November 19, 1999 Examiner: Jasmine Song

For: ASYNCHRONOUS CACHE COHERENCE ARCHITECTURE IN A
SHARED MEMORY MULTIPROCESSOR WITH POINT-TO-POINT
LINKS

Box AF

Assistant Commissioner of Patents
Washington, D.C. 20231

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RESPONSE TO FINAL OFFICE ACTION UNDER 37 CFR § 1.116

In response to the Final Office Action mailed October 10, 2001, Applicant respectfully requests the Examiner to enter the following amendments and consider the following remarks:

IN THE SPECIFICATION:

On page 7, please substitute the paragraph starting on line 8 with the paragraph below:

Preferably, the request queues communicate requests via a high-speed internal address bus or switch 223 (referred to generally as a "bus" or "control path interconnect"). Each of the processors and main memory devices are capable of storing a copy of a requested data block. Therefore, each has a corresponding destination buffer (e.g., queues 224, 226, 228, 230) in the memory controller for receiving memory requests